

METHOD FOR PROVIDING MEDIA COMMUNICATION ACROSS FIREWALLS

ABSTRACT

5 The present invention supports a method for transmitting information packets across network firewalls. A trusted entity is provisioned with an address designation for a pinhole through the firewall during setup of a communication session between two communication devices. This pinhole address is used throughout the communication session between the
10 two communication devices to transmit information packets onto and out of the communication network.

 Information packets addressed to the communication device inside the firewall are received by the trusted entity, which replaces address header information in the information packet with the address for the pinhole. The information packet is routed to the pinhole where it passes onto
15 the network for routing to the communication device inside the firewall. Information packets transmitted from the network are also routed to the trusted entity for routing toward the communication device outside the firewall.